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SUMMARY AND TABLE OF CONTENTS OF USSR BOOK
ON CALCULATION AND DESIGN OF ELECTRON TUBES

The book Calculation and Design of Electron Tubes, by B. M. Tsarev, published by Gosenergoizdat in 1952, presents basic information on the theory of electrical, thermal, and mechanical calculations both of parts of modern electron tubes and of the tubes themselves according to assigned parameters. Parts constructions and tube design principles are also given. Handbook data necessary for these calculations are given in appendices. The book represents the first attempt to create a manual of this type. The need for such a book was felt by the author in drawing up and teaching the course "Calculation and Design of Electron Tubes" to students of the Moscow Power Engineering Institute imeni Molotov in 1940 - 1941 and 1948 - 1951.

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